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|---|---------------|------------|---|
| Quest Rubric No: 2 | | 2 | |
| Objective criteria (0/1, 1=met) | Rating | Max | Comments |
| Periodic reporting of ultrasonic range in m | 1 | 1 | Sensors are well-calibrated |
| Periodic reporting of IR range in m | 1 | 1 | |
| Periodic reporting of temperature in C | 1 | 1 | |
| Results graphed at host | 1 | 1 | 4 axes for one chart showing 4 sensors data |
| Results graphed continuously based on reporting period | 1 | 1 | |
| Demo delivered at scheduled time and report submitted in team folder with all required components | 1 | 1 | |
| Investigative question response | 1 | 1 | |
| Total objective criteria | 7 | 7 | |
| Qualitative criteria | Rating | Max | Comments |
| Quality of solution | 5 | 5 | Initially tried asynchronous tasks but then settled for synchrons loop every 1 second. Updates a CSV file that is created on node server start-up. Time on x-axis is time from start-up. Shows last 20 values. 3 separate webpages: 1 showing graphs, 1 showing serial information, and one showing all the data as JSON. Robust. |
| Quality of report.md including use of graphics | 3 | 3 | |
| Quality of code reporting | 2 | 3 | Please put headers in your code identifying you are authors and update readmes |
| Quality of video presentation | 3 | 3 | |
| Total qualitative criteria | 13 | 14 | |
| Quant Weight (75) | 75 | 75 | |
| Qual Weight (25) | 23 | 25 | |
| Total Score | 98 | 100 | |
| Rank (1-5) | 1 | 5 | |
| Comments | | | |
| Very nice work. For the next quest, please indicate each team member's contribution. | | | |